| | Month Ended 9/30/2002 | | | | | Month Ended 8/31/2002 | | | | | 10.1.100000 | | Current | Prior Year | 3 Years | 5 Years | |
|--|----------------------------------|----------------------|----------------------|---------------------------|---------------------------|----------------------------------|----------------------|----------------------|-----------------------|----------------------------------|----------------------|----------------------|-------------------------|---------------------------|--------------------|--------------------|--------------------|
| | | Month Ende | | Quarter | Month | Monti | Alloca | | | Mont | h Ended 7. Alloca | | | Fiscal YTD | FY02 | Ended 6/30/2002 | Ended 6/30/2002 |
| | Market Value | Actual | | Net ROR | Net ROR | Market Value | Actual | | Net ROR | Market Value | Actual | | Net ROR | Net ROR | Net ROR | Net | Net |
| LARGE CAP DOMESTIC EQUITY Structured Growth | | | | | | | | • | | | | • | | | | | |
| AllianceBernstein | 20,505,017 | 2.0% | 2.3% | -13.56% | -9.13% | 22,667,663 | 2.1% | 2.3% | 2.33% | 22,166,048 | 2.1% | 2.3% | -7.03% | -13.56% | -28.98% | -16.11% | N/A |
| Russell 1000 Growth | | | | -15.05% | -10.37% | | | | 0.30% | | | | -5.50% | -15.05% | -26.49% | -16.15% | N/A |
| Structured Value | | | | | | | | | | | | | | | | | |
| LSV | 46,409,231 | 4.6% | 4.5% | | -11.45% | 52,640,573 | 4.9% | 4.5% | 0.20% | 52,552,206 | 4.9% | 4.5% | -7.91% | -18.29% | 2.72% | 5.54% | N/A |
| Russell 1000 Value | | | | -18.77% | -11.12% | | | | 0.76% | | | | -9.30% | -18.77% | -8.96% | -4.87% | N/A |
| Enhanced Russell 1000 Index | | | | | | | . = | | | | . = | . = | | | .= | | |
| LA Capital (Wilshire) Russell 1000 | 44,024,480 | 4.4% | 4.5% | -16.27% -16.91% | -10.01% -10.74% | 49,145,439 | 4.5% | 4.5% | 0.66% 0.52% | 48,848,727 | 4.5% | 4.5% | -7.56% -7.40% | -16.27% -16.91% | -17.00% -17.89% | N/A | N/A |
| Enhanced S&P 500 Index | | | | | | | | | | | | | | | | | |
| Northern Trust | 42,552,156 | 4.2% | 4.5% | -16.71% | -10.52% | 47,773,982 | 4.4% | 4.5% | 0.66% | 47,453,179 | 4.4% | 4.5% | -7.52% | -16.71% | -16.98% | N/A | N/A |
| Strong | 42,278,303 | 4.2% | 4.5% | -16.75% | -11.94% | 48,229,944 | 4.5% | 4.5% | 0.74% | 47,925,087 | 4.4% | 4.5% | -6.15% | -16.75% | -20.23% | N/A | N/A |
| Westridge Total Enhanced S&P 500 Index | 52,967,137 137,797,596 | 5.3% 13.7% | 4.5% 13.5% | -17.19% -16.88% | -10.85% -11.09% | 58,328,296 154,332,222 | 5.4% 14.3% | 4.5% 13.5% | 0.66% 0.68% | 58,034,192 153,412,459 | 5.4% 14.2% | 4.5% 13.5% | -7.72% -7.14% | -17.19% -16.88% | -17.54% -18.23% | N/A N/A | N/A N/ A |
| S&P 500 | 137,797,396 | 13.770 | 13.3% | -17.28% | -10.87% | 154,552,222 | 14.3% | 13.5% | 0.66% | 155,412,459 | 14.276 | 13.5% | -7.14% | -17.28% | -17.98% | N/A N/A | N/A |
| S&P 500 Index | | | | 2070 | . 0.0. 70 | | | | 0.0070 | | | | | 2070 | | | . 4// |
| State Street | 47,996,287 | 4.8% | 5.3% | -17.26% | -10.86% | 54,103,835 | 5.0% | 5.3% | 0.66% | 53,748,989 | 5.0% | 5.3% | -7.78% | -17.26% | -17.96% | -9.14% | 3.67% |
| S&P 500 | ,, | | | -17.28% | -10.87% | ,, | | | 0.66% | , , | | | -7.80% | -17.28% | -17.98% | -9.18% | 3.67% |
| TOTAL LARGE CAP DOMESTIC EQUITY | 296,732,611 | 29.5% | 30.0% | -16.78% | -10.82% | 332,889,733 | 30.8% | 30.0% | 0.72% | 330,728,429 | 30.6% | 30.0% | -7.35% | -16.78% | -17.13% | -9.48% | 2.68% |
| S&P 500 | | | | -17.28% | -10.87% | | | | 0.66% | | | | -7.80% | -17.28% | -17.98% | -9.18% | 3.67% |
| SMALL CAP DOMESTIC EQUITY Manager-of-Managers | | | | | | | | | | | | | | | | | |
| SEI | 95,770,485 | 9.5% | 10.0% | -19.10% | -7.06% | 103,611,857 | 9.6% | 10.0% | 0.88% | 103,156,053 | 9.6% | 10.0% | -13.72% | -19.10% | -11.87% | N/A | N/A |
| Russell 2000 + 200bp | | | | -20.90% | -7.01% | | | | -0.08% | | | | -14.93% | -20.90% | -6.68% | N/A | N/A |
| TOTAL SMALL CAP DOMESTIC EQUITY | 95,770,485 | 9.5% | 10.0% | -19.10% | -7.06% | 103,611,857 | 9.6% | 10.0% | 0.88% | 103,156,053 | 9.6% | 10.0% | -13.72% | -19.10% | -11.87% | 1.18% | 1.95% |
| Russell 2000 | | | | -21.40% | -7.18% | | | | -0.25% | | | | -15.10% | -21.40% | -8.59% | 1.67% | 4.44% |
| INTERNATIONAL EQUITY | | | | | | | | | | | | | | | | | |
| Large Cap - Core State Street | 34.143.227 | 3.4% | 4.0% | -19.99% | -10.86% | 38.355.209 | 3.5% | 4.0% | -0.59% | 38.573.914 | 3.6% | 4.0% | -9.69% | -19.99% | -11.74% | -6.76% | -2.26% |
| MSCI EAFE - 50% Hedged | 34,143,221 | 3.4% | 4.0% | -20.02% | -10.88% | 36,355,209 | 3.3% | 4.0% | -0.24% | 30,373,914 | 3.0% | 4.0% | -10.04% | -20.02% | -14.62% | -5.75% | 0.27% |
| Large Cap - Active | | | | 20.0270 | 70.0070 | | | | 0.2 770 | | | | 70.0770 | 20.0270 | 7 770270 | 0.7070 | 0.2770 |
| Capital Guardian | 89,027,456 | 8.8% | 10.0% | -21.50% | -10.70% | 99,810,895 | 9.2% | 10.0% | -1.69% | 101,607,396 | 9.4% | 10.0% | -10.59% | -21.50% | -13.17% | -1.00% | 5.76% |
| Bank of Ireland | 19,262,251 | 1.9% | 2.0% | -21.60% | -12.14% | 21,942,831 | 2.0% | 2.0% | -0.77% | 22,143,186 | 2.1% | 2.0% | -10.07% | -21.60% | N/A | N/A | N/A |
| Total Large Cap - Active | 108,289,707 | 10.8% | 12.0% | | -10.96% | 121,753,725 | 11.3% | 12.0% | -1.52% | 123,750,581 | 11.5% | 12.0% | -10.49% | -21.51% | -12.19% | -0.63% | 6.00% |
| MSCI EAFE - 50% Hedged | | | | -20.02% | -10.88% | | | | -0.24% | | | | -10.04% | -20.02% | -14.62% | -5.75% | 0.27% |
| Small Cap - Active | | | | | | | | | | | | | | | | | |
| Lazard | 21,591,198 | 2.1% 2.1% | 2.0% 2.0% | -17.39% -17.35% | -8.39% -10.01% | 23,587,471 23,087,224 | 2.2% 2.1% | 2.0% 2.0% | -1.45% -2.58% | 23,966,653 23,679,636 | 2.2% 2.2% | 2.0% 2.0% | -8.49% -5.73% | -17.39% -17.35% | N/A N/A | N/A N/A | N/A N/A |
| Wellington Total Small Cap - Active | 20,707,908 42.299.106 | 4.2% | 4.0% | | -10.01% -9.19% | 46.674.694 | 4.3% | 4.0% | -2.01% | 47,646,289 | 4.4% | 4.0% | -5.75% -7.14% | -17.35% -17.37% | N/A | N/A | N/A |
| SSB BROAD MARKET INDEX < \$2BN | 12,200,100 | , | 110 70 | -15.30% | -8.20% | 10,01 1,00 1 | | | -0.90% | ,0.10,200 | ,0 | | -6.90% | -15.30% | N/A | N/A | N/A |
| TOTAL INTERNATIONAL EQUITY | 184,732,040 | 18.4% | 20.0% | -20.31% | -10.53% | 206,783,629 | 19.1% | 20.0% | -1.46% | 209,970,784 | 19.4% | 20.0% | -9.61% | -20.31% | -10.49% | -2.94% | 2.40% |
| MSCI EAFE - 50% Hedged | | | | -20.02% | -10.88% | | | | -0.24% | | | | -10.04% | -20.02% | -14.62% | -5.75% | 0.27% |
| EMERGING MARKETS EQUITY | | | | | | | | | | | | | | | | | |
| Capital Guardian | 48,261,472 | 4.8% | 5.0% | -16.68% | -10.13% | 53,704,300 | 5.0% | 5.0% | 2.11% | 52,592,463 | 4.9% | 5.0% | -9.20% | -16.68% | -5.69% | -5.69% | -6.04% |
| MSCI Emerging Markets Free | | | | -16.30% | -10.79% | | | | 1.54% | | | | -7.61% | -16.30% | 1.30% | -6.34% | -8.42% |
| DOMESTIC FIXED INCOME Core Bond | | | | | | | | | | | | | | | | | |
| Western Asset | 11,090,622 | 1.1% | 1.1% | 3.66% | 0.75% | 11,324,772 | 1.0% | 1.1% | 2.68% | 12,823,735 | 1.2% | 1.1% | 0.22% | 3.66% | 8.87% | 8.93% | 8.26% |
| Lehman Aggregate | | | | 4.58% | 1.62% | | | | 1.69% | | | | 1.21% | 4.58% | 8.62% | 8.10% | 7.57% |
| Active Duration | | | | | | | | | | | | | | | | | |
| Criterion | 10,931,445 | 1.1% | 1.1% | 2.57% | 0.95% | 11,139,954 | 1.0% | 1.1% | 1.50% | 12,762,250 | 1.2% | 1.1% | 0.11% | 2.57% | | 7.60% | 7.09% |
| Lehman Aggregate | | | | 4.58% | 1.62% | | | | 1.69% | | | | 1.21% | 4.58% | 8.62% | 8.10% | 7.57% |

ND TEACHERS FUND FOR RETIREMENT INVESTMENT PERFORMANCE REPORT AS OF SEPTEMBER 30, 2002

| | | | | | | 1 | | | | | | | Current | Prior Year | 3 Years | 5 Years | |
|---|-------------------------|------------------|--------------|-----------------------|------------------|--------------------------|------------------|-----------------------|----------------|--------------------------|------------------|--------------|------------------|------------------|----------------|------------------|------------------|
| | Month Ended 9/30/2002 | | | Month Ended 8/31/2002 | | | | Month Ended 7/31/2002 | | | | Fiscal YTD | FY02 | Ended | Ended | | |
| | Market Value | Alloca Actual | | Quarter Net ROR | Month Net ROR | Market Value | Alloca Actual | | Net ROR | Market Value | Alloca Actual | | Net ROR | Net ROR | Net ROR | 6/30/2002 Net | 6/30/2002 Net |
| to do. | mantot valuo | 7101001 | | HOLITOIL | | mantot varao | 7101441 | | | marrot varao | 7101441 | | | House | Horrion | 1101 | 1101 |
| Index | 40 407 054 | 4.00/ | 0.00/ | 5.96% | 0.400/ | 40.040.005 | 1.3% | 0.70/ | 0.000/ | 44.075.000 | 1.4% | 0.70/ | 4.000/ | F 000/ | 0.500/ | 8.03% | 7.550/ |
| Bank of ND Bank of ND Match Loan CD Program | 13,187,654 9,572,281 | 1.3% 1.0% | 0.8% 1.0% | 5.96% 1.44% | 2.18% 0.49% | 13,810,895 10,948,035 | 1.3% | 0.7% 1.0% | 2.06% 0.48% | 14,875,230 10,983,571 | 1.4% | 0.7% 1.0% | 1.62% 0.48% | 5.96% 1.44% | 9.56% 5.79% | 8.03% 5.86% | 7.55% 5.90% |
| Total Index | 22,759,935 | 2.3% | 1.8% | 4.78% | 1.74% | 24,758,929 | 2.3% | 1.8% | 1.65% | 25,858,802 | 2.4% | 1.8% | 1.32% | 4.78% | 9.68% | 7.81% | |
| Lehman Gov/Corp | 22,759,955 | 2.3% | 1.0% | 5.70% | 2.15% | 24,730,929 | 2.3% | 1.070 | 2.24% | 25,656,602 | 2.470 | 1.0% | 1.20% | 5.70% | 8.24% | 7.85% | 7.47% |
| · | | | | 3.70% | 2.10/0 | | | | 2.24/0 | | | | 1.20/0 | 3.70% | 0.2470 | 7.05% | 7.47/0 |
| Convertibles | | | | | | | | | | | | | | | | | |
| TCW | 9,817,880 | 1.0% | 1.1% | -9.90% | -4.93% | 10,622,160 | 1.0% | 1.1% | 2.70% | 10,880,173 | 1.0% | 1.1% | -7.73% | -9.90% | -21.20% | -2.06% | N/A |
| First Boston Convertible Index | | | | -8.56% | -2.99% | | | | 0.64% | | | | -6.25% | -8.56% | -12.44% | 0.11% | N/A |
| BBB Average Quality | | | | | | | | | | | | | | | | | |
| Strong | 10,832,203 | 1.1% | 1.1% | 0.39% | 1.30% | 11,000,143 | 1.0% | 1.1% | 2.98% | 12,109,002 | 1.1% | 1.1% | -3.76% | 0.39% | 3.16% | 6.83% | |
| Lehman BBB | | | | 2.70% | 1.43% | | | | 3.56% | | | | -2.23% | 2.70% | 5.85% | 4.75% | N/A |
| Timberland | | | | | | | | | | | | | | | | | |
| Evergreen (Wachovia) | 7,873,179 | 0.8% | 0.8% | -0.22% | -0.07% | 8,101,031 | 0.7% | 0.7% | -0.07% | 8,514,747 | 0.8% | 0.8% | -0.07% | -0.22% | N/A | N/A | N/A N/A |
| | | | | | | | | | | | | | | | N/A | N/A | |
| TOTAL DOMESTIC FIXED INCOME | 73,305,265 | 7.3% | 7.0% | 0.71% | 0.17% | 76,946,990 | 7.1% | 7.0% | 1.94% | 82,948,709 | 7.7% | 7.0% | -1.37% | 0.71% | 2.56% | 6.70% | 6.56% |
| Lehman Aggregate | | | | 4.58% | 1.62% | | | | 1.69% | | | | 1.21% | 4.58% | 8.62% | 8.10% | 7.57% |
| LUCULVIEL D DOUDS | | | | | | | | | | | | | | | | | |
| HIGH YIELD BONDS Western Asset | 80,966,050 | 8.0% | 7.0% | -3.24% | -1.89% | 82,525,738 | 7.6% | 7.0% | 2.51% | 80,507,087 | 7.5% | 7.0% | -3.79% | -3.24% | -6.08% | -3.89% | 4.16% |
| Lehman High Yield Bond Index | 80,900,000 | 6.0% | 7.0% | -3.24% -2.93% | -1.89% -1.31% | 62,525,736 | 7.0% | 7.0% | 2.85% | 80,507,087 | 7.5% | 7.0% | -3.79% -4.37% | -3.24% -2.93% | -3.60% | -3.89% -2.31% | 0.68% |
| Lenman right field bond index | | | | -2.93% | -1.31% | | | | 2.00% | | | | -4.37 % | -2.93% | -3.00% | -2.31% | 0.00% |
| INTERNATIONAL FIXED INCOME | | | | | | | | | | | | | | | | | |
| International Core | | | | | | | | | | | | | | | | | |
| UBS Global (Brinson) | 58,388,782 | 5.8% | 5.0% | 2.39% | 0.59% | 64,060,695 | 5.9% | 5.0% | 1.49% | 68,625,486 | 6.4% | 5.0% | 0.30% | 2.39% | 16.83% | 2.39% | 2.43% |
| Salomon Brothers Non-US Gov't Bond Index | ,, | | | 2.84% | 0.61% | - 1,, | | | 1.63% | 00,020,100 | | | 0.57% | 2.84% | 15.72% | 3.14% | 3.03% |
| | | | | | | | | | | | | | | | | | |
| REAL ESTATE | | | | | | | | | | | | | | | | | |
| JMB | 1,034,424 | | | 1.94% | 0.89% | 1,025,255 | | | 0.57% | 1,047,291 | | | 0.46% | 1.94% | 0.92% | 1.25% | |
| INVESCO | 61,479,744 | | | 3.78% | 1.56% | 61,031,341 | | | 0.72% | 60,862,067 | | | 1.46% | 3.78% | 2.61% | 7.70% | N/A |
| J.P. Morgan | 45,423,753 | | | 1.64% | 0.37% | 45,256,322 | | | 0.52% | 45,022,775 | | | 0.75% | 1.64% | 4.10% | 9.60% | 11.72% |
| TOTAL REAL ESTATE | 107,937,921 | 10.7% | 9.0% | 2.78% | 1.01% | 107,312,919 | 9.9% | 9.0% | 0.63% | 106,932,134 | 9.9% | 9.0% | 1.12% | 2.78% | 3.35% | 8.64% | 9.66% |
| NCREIF TOTAL INDEX | | | | 1.70% | 0.56% | | | | 0.56% | | | | 0.55% | 1.70% | 6.79% | 9.41% | 11.96% |
| AL TERMATIVE INVESTMENTS | | | | | | | | | | | | | | | | | |
| ALTERNATIVE INVESTMENTS Brinson IVCF III | 1.804.611 | | | 7.46% | 4.60% | 1.725.300 | | | 0.00% | 1.725.353 | | | 2.74% | 7.46% | 61.30% | 112.32% | 65.03% |
| Coral Partners V | 10,994,013 | | | -17.47% | 0.00% | 11,113,347 | | | 0.00% | 11,154,804 | | | -17.47% | -17.47% | -46.32% | -3.46% | 05.0376 N/A |
| Coral Partners V - Supplemental | 767,748 | | | -14.17% | 0.00% | 776,081 | | | 0.00% | 778,976 | | | -14.17% | -14.17% | N/A | N/A | |
| Coral Partners VI | 635,965 | | | N/A | N/A | 642,868 | | | N/A | 645,266 | | | N/A | N/A | N/A | N/A | |
| Brinson 1998 Partnership Fund | 2,244,859 | | | -3.97% | -3.97% | 2,363,117 | | | 0.00% | 2,371,933 | | | 0.00% | -3.97% | -15.23% | 8.66% | N/A |
| Brinson 1999 Partnership Fund | 2,536,763 | | | -4.67% | -4.67% | 2,689,861 | | | 0.00% | 2,699,895 | | | 0.00% | -4.67% | -21.70% | -0.85% | |
| Brinson 2000 Partnership Fund | 3,318,861 | | | -6.93% | -6.93% | 3,604,849 | | | 0.00% | 3,618,296 | | | 0.00% | -6.93% | -14.95% | N/A | |
| Brinson 2001 Partnership Fund | 1,064,380 | | | -1.08% | -1.08% | 795,465 | | | 0.00% | 798,432 | | | 0.00% | -1.08% | -6.22% | N/A | N/A |
| Brinson 2002 Partnership Fund | 717,702 | | | 0.15% | 0.15% | 378,943 | | | 0.00% | 155,921 | | | 0.00% | 0.15% | N/A | N/A | |
| Brinson 1999 Non-US Partnership Fund | 1,192,303 | | | 12.07% | 12.07% | 1,008,505 | | | 0.00% | 1,012,268 | | | 0.00% | 12.07% | -7.68% | -3.51% | |
| Brinson 2000 Non-US Partnership Fund | 948,421 | | | 7.00% | 7.00% | 896,030 | | | 0.00% | 899,372 | | | 0.00% | 7.00% | -6.51% | N/A | |
| Brinson 2001 Non-US Partnership Fund | 466,207 | | | -1.47% | -1.47% | 478,297 | | | 0.00% | 480,081 | | | 0.00% | -1.47% | -4.85% | N/A | |
| Brinson 2002 Non-US Partnership Fund | 364,209 | | | N/A | N/A | 190,123 | | | N/A | 190,832 | | | N/A | N/A | N/A | N/A | |
| Total Brinson Non-US Partnership Fund | 2,971,141 | | | 6.90% | 6.90% | 2,572,955 | | | 0.00% | 2,582,553 | | | 0.00% | 6.90% | N/A | N/A | |
| Brinson BVCF IV | 7,204,393 | | | -2.76% N/A | 2.70% | 6,768,299 | | | 2.45% | 6,277,334 | | | -7.58% | -2.76% | -29.16% | | |
| Matlin Patterson Global Opportunities | 9,539,477 | | | N/A | N/A | 8,357,287 | | | N/A | 8,388,463 | | | N/A | N/A | N/A | | N/A N/A |
| InvestAmerica Hearthstone | 953,948 4.972.366 | | | 0.00% 11.34% | 0.00% 11.34% | 77,144 4.514.404 | | | 0.00% 0.00% | 77,432 4.143.626 | | | 0.00% 0.00% | 0.00% 11.34% | N/A 4.99% | N/A N/A | N/A N/A |
| TOTAL ALTERNATIVE INVESTMENTS | 49,726,227 | 4.9% | 5.0% | -6.40% | 1.02% | 46,379,921 | 4.3% | 5.0% | 0.00% | 45,418,284 | 4.2% | 5.0% | -7.66% | -6.40% | -26.09% | 10.16% | 10.85% |
| Post Venture Capital Index | 49,720,227 | 4.5/0 | 3.0 /8 | -22.64% | -10.01% | 40,373,321 | 4.3/0 | 3.0 /6 | -1.69% | 45,410,204 | 4.2 /0 | 3.0 /6 | -12.55% | -22.64% | -44.30% | -26.03% | -6.83% |
| . co. Torraro Gapital Indox | | | | 22.07/0 | 10.0170 | | | | 1.0070 | | | | 12.00/0 | 22.07/0 | 77.50/0 | 20.00/6 | 0.03/ |
| CASH EQUIVALENTS | | | | | | | | | | | | | | | | | |
| Northern Trust STIF/STEP | 10,493,259 | 1.0% | 2.0% | 0.68% | 0.14% | 6,238,202 | 0.6% | 2.0% | 0.29% | (971,353) | -0.1% | 2.0% | 0.24% | 0.68% | 2.29% | 4.72% | 5.01% |
| 90 Day T-Bill | • | | | 0.45% | 0.16% | • | | | 0.14% | . , , | | | 0.15% | 0.45% | 2.63% | 4.67% | 4.84% |
| | | | | | | | | | | | | | | | | | |
| TOTAL FUND | 1,006,314,110 | 100.00% | 100.00% | | -6.48% | 1,080,453,983 | 100.00% 1 | 00.00% | 0.63% | 1,079,908,076 | 100.00% | 100.00% | -6.47% | -11.98% | -8.88% | -1.83% | |
| POLICY TARGET BENCHMARK | | | | -13.06% | -7.07% | | | | 0.59% | | | | -6.99% | -13.06% | -9.26% | -3.00% | 3.29% |

NOTE: Monthly returns and market values are preliminary and subject to change.